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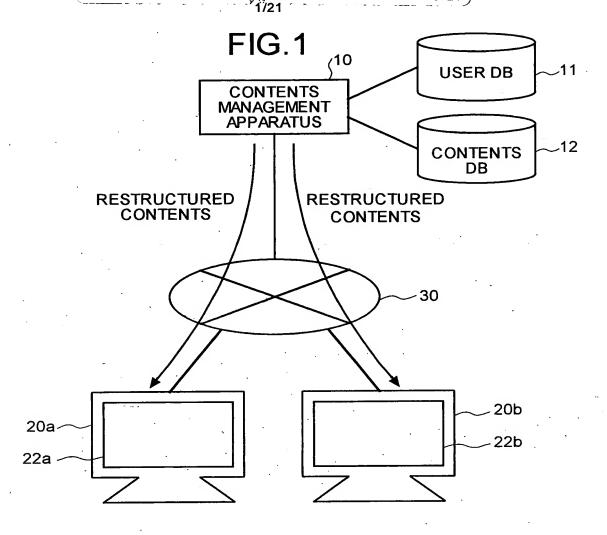
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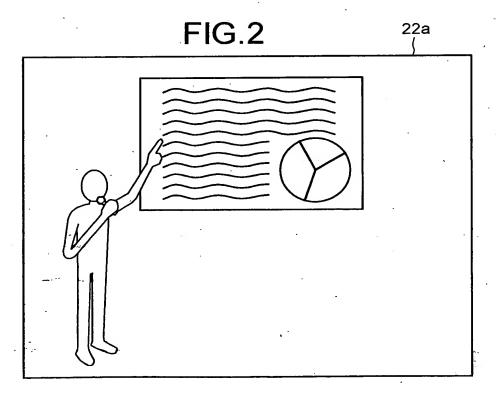
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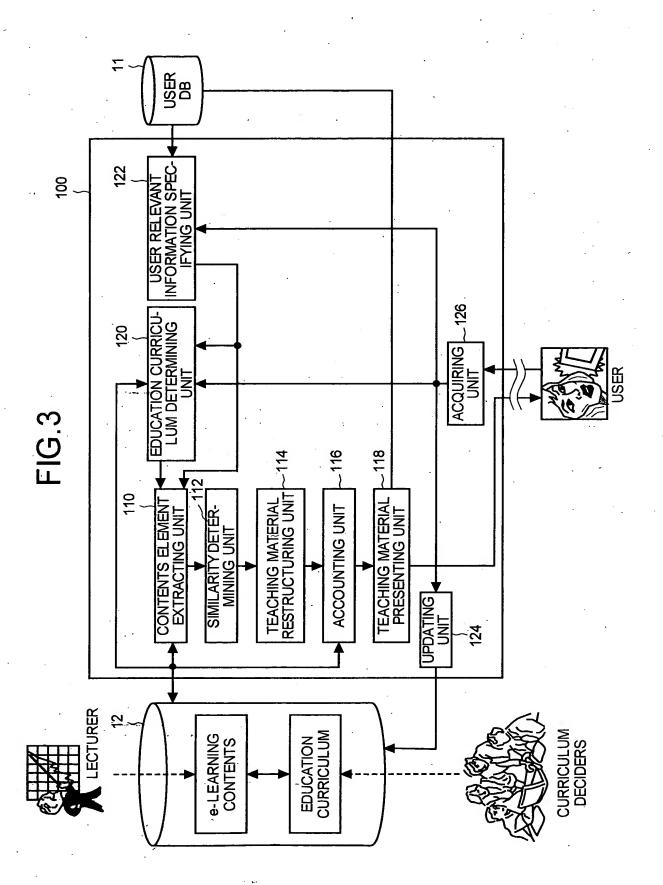
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Title: CONTENTS MANAGEMENT APPARATUS, CONTENTS MANAGEMENT SYSTEM, CONTENTS MANAGEMENT METHOD, COMPUTER PRODUCT, AND CONTENTS DATA Sheet 1 of 21





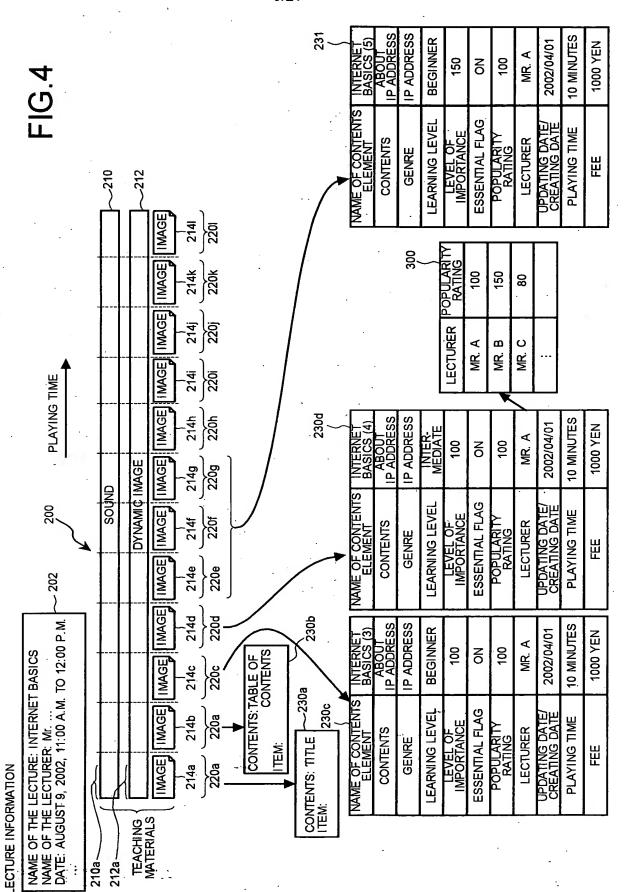
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FIG.5

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<MPEG-7>
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              </FreeTextAnnotation>
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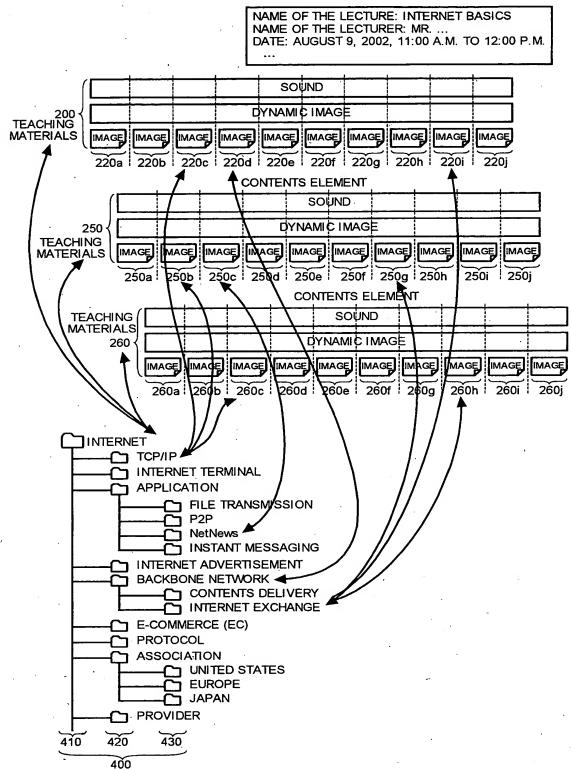
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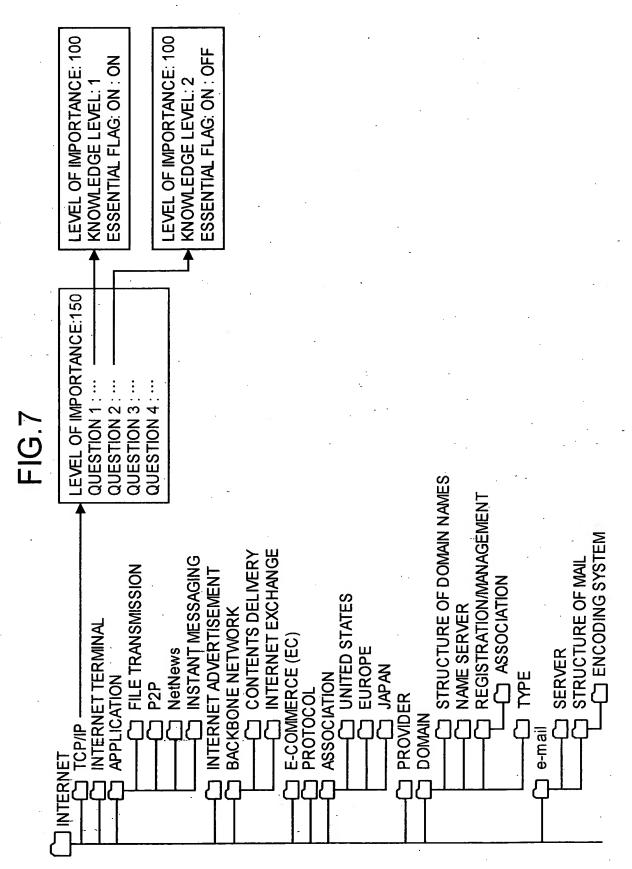
FIG.6

LECTURE INFORMATION



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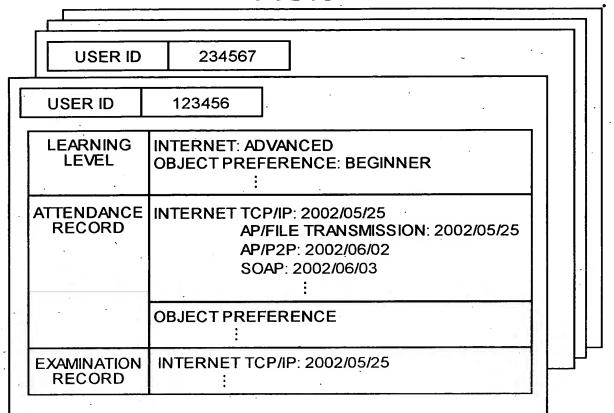
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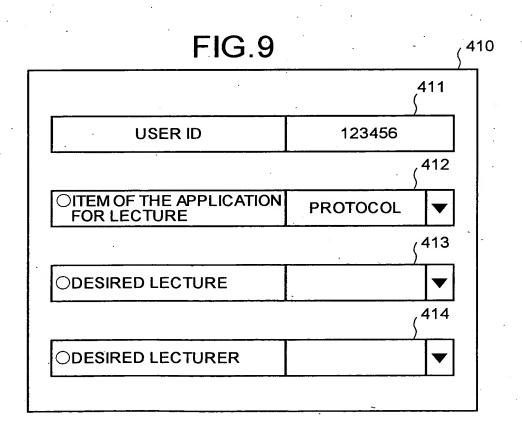


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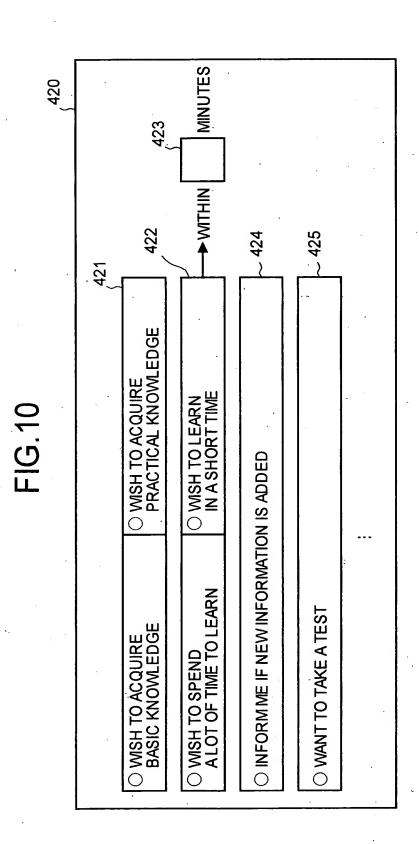
FIG.8





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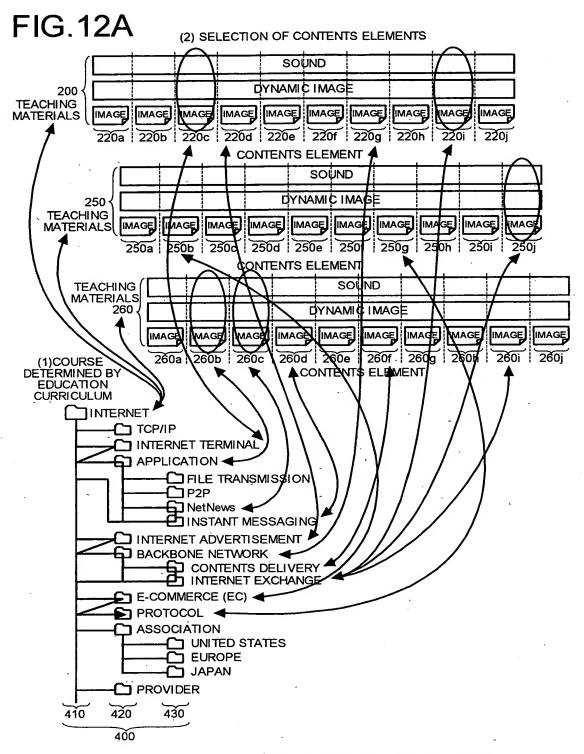


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FIG.11 START ACQUIRE APPLICATION FOR LECTURE FROM USER S100 DETERMINE COURSE OF EDUCATION CURRICULUM S102 SPECIFY USER RELEVANT INFORMATION ·S104 BASED ON USER ID EXTRACT CONTENTS ELEMENTS S106 RESTRUCTURE TEACHING MATERIALS S110 CALCULATE FEE S112 PRESENT LECTURE CURRICULUM S114 **DISPLAY INFORMATION S116** Yes **REQUEST CHANGE?** No (S120 No **REQUEST PROVISION?** Yes **PROVIDE** S122 **UPDATE USER DB S124** (S126 No **EVALUATION ACQUIRED?** Yes **UPDATE CONTENTS DB** S128 END

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(3) REFERENCE OF LECTURE RECORD LECTURE RECORD OF STUDENT ID 123456

FIG.12B

INTERNET/TCP/IP	FINISHED	2002/05/25
INTERNET/AP/FILE TRANSMISSION	FINISHED	2002/05/25
INTERNET/AP/P2P	FINISHÈD	2002/06/02

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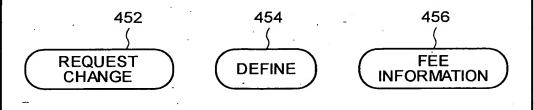
FIG. 13

450

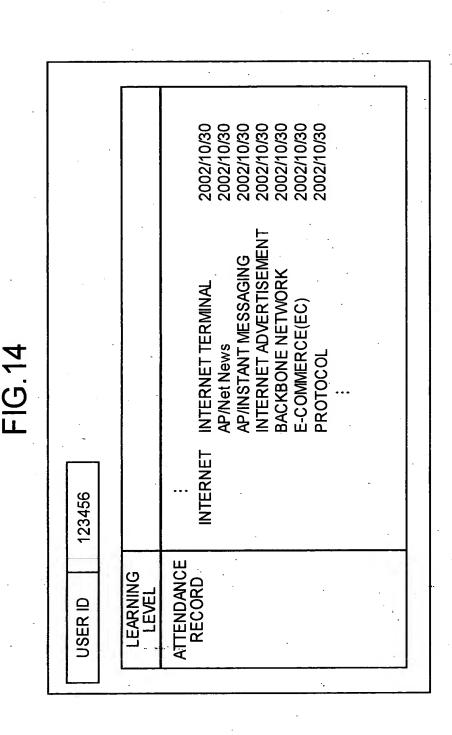
LECTURE CURRICULUM (TEACHING MATERIAL ID ABCDE)

USER ID	123456
NAME	MR

No	CONTENTS	TIME
1	INTERNET TERMINAL/ALL	5
2	(1) APPLICATION/ Net News	20
	(2) APPLICATION/INSTANT MESSAGING	15
3	INTERNET ADVERTISEMENT/ ALL	10
4	(1) BACKBONE NETWORK/CONTENTS DELIVERY	20
	(2) BACKBONE NETWORK/INTERNET EXCHANGE	10
5	E-COMMERCE (EC)	10
6	PROTOCOL	20 .
7	CONFIRMATION EXAMINATION (ADVANCED LEVEL)	10



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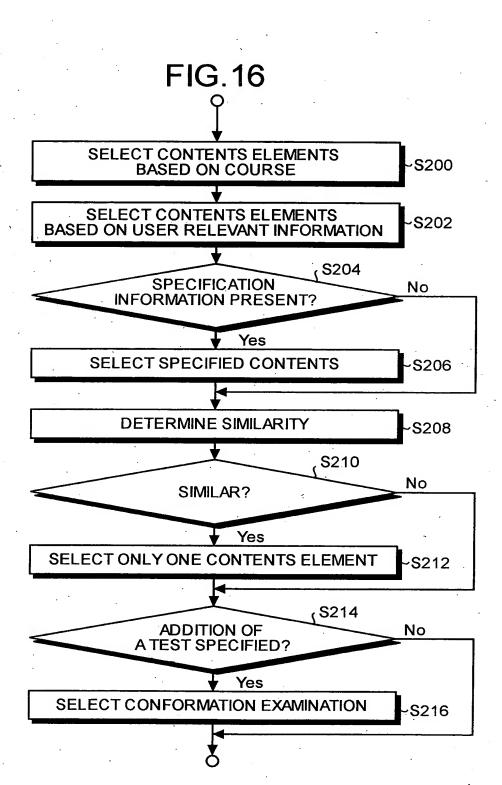
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FIG.15

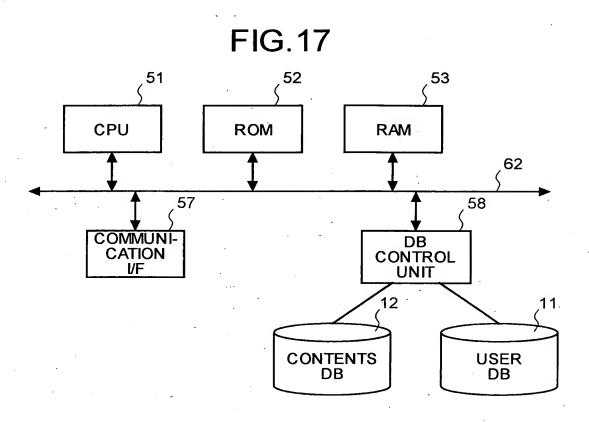
460 **TEACHING MATERIAL ID ABCDE COMMENTS ON LECTURES INTERNET CONTENTS** 2 1 1 3 4 5 **TERMINAL** TIME 1 2 4 5 3 3 **LECTURER** 5 4 **LEVEL** 2 5 1 3 4 ANY OTHER COMMENTS OR REQUESTS

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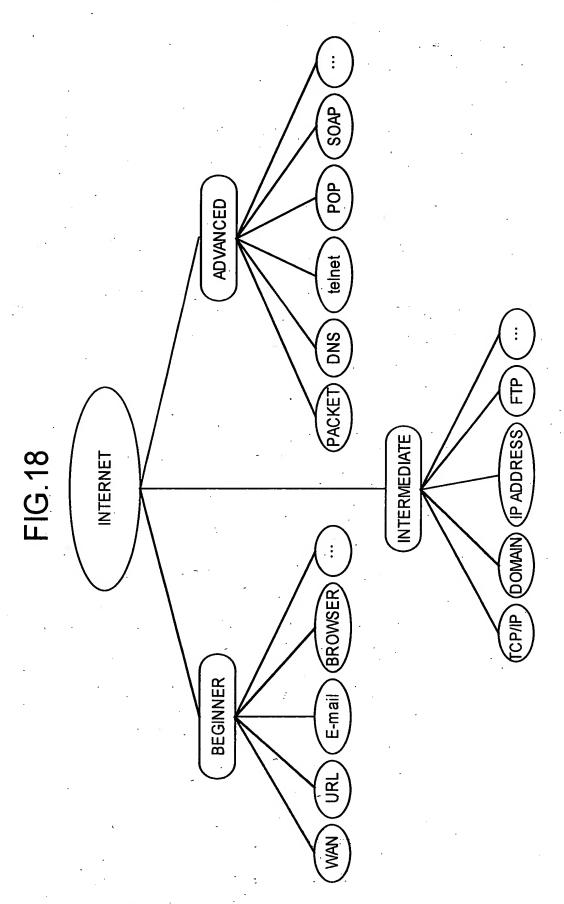
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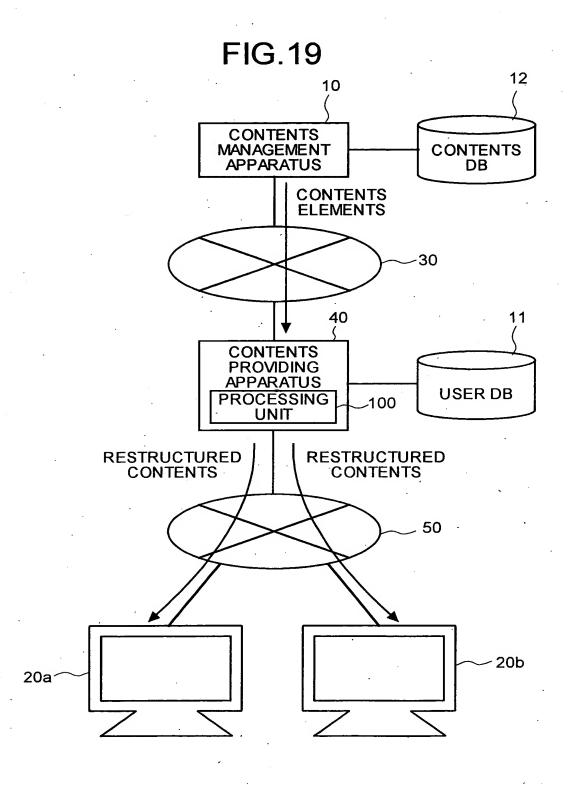


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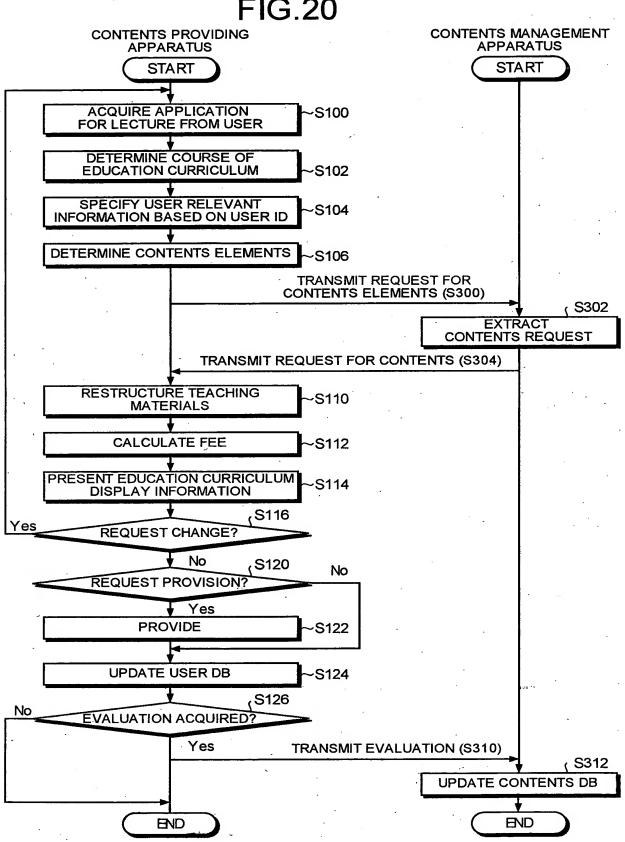
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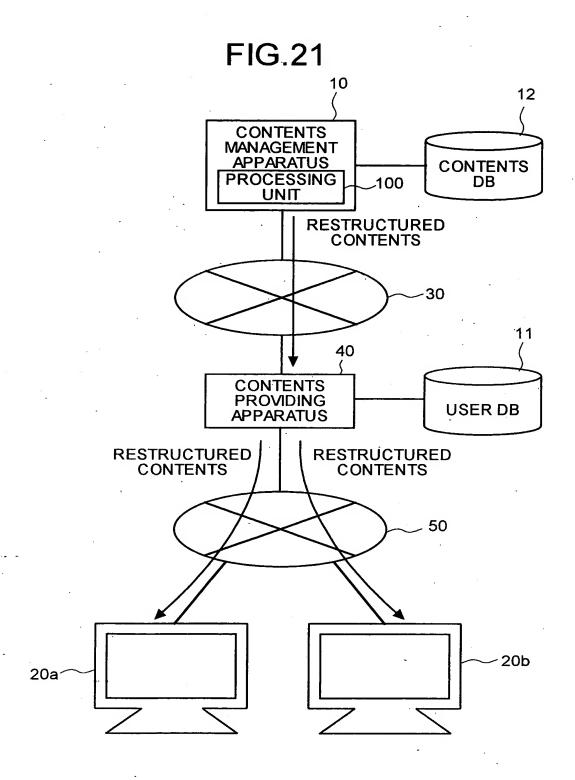
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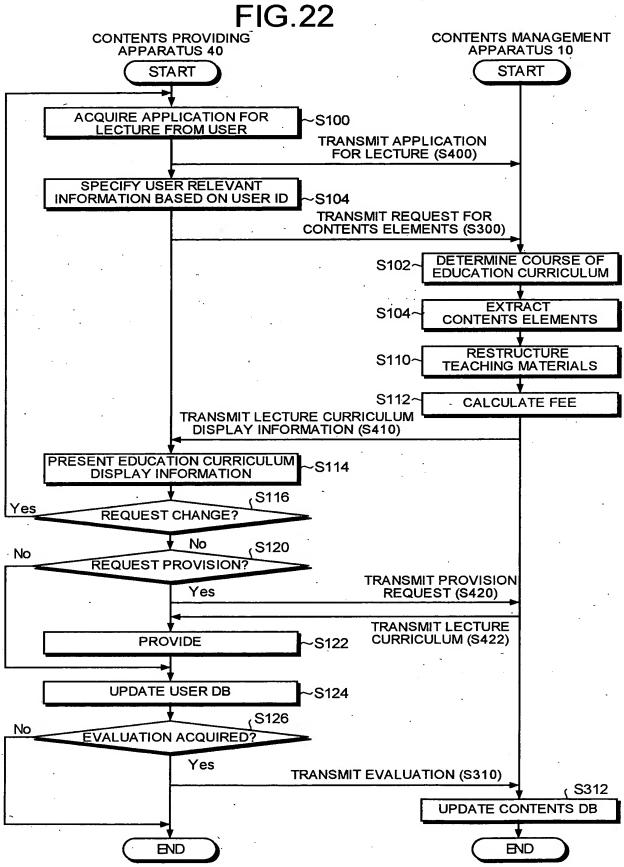


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